

LASSEN VOLCANIC NATIONAL PARK

PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Lassen Volcanic National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

1. An inductive loop traffic counter is located on the southbound lane, south of Highway 44 and 89, to record the number of vehicles entering the North District at Manzanita Lake. The traffic count is reduced by the number of buses and non-reportable vehicles (25 per month). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 3.0.
2. An inductive loop traffic counter is located on the northbound lane, north of Highway 89, to record the number of vehicles entering the South District at the entrance station. The traffic count is reduced by the number of buses and non-reportable vehicles (50 per month). The reduced traffic count is multiplied by the current PPV multiplier of 3.0.
3. An inductive loop traffic counter is placed across the entire road entering the Butte Lake area. The traffic count is divided by two (2) to adjust for entering and exiting. The reduced vehicle count is multiplied by the PPV multiplier of 3.0.
4. An inductive loop traffic counter is placed across the entire road entering the Warner Valley area. The traffic count is divided by two (2) to adjust for entering and exiting. The reduced vehicle count is multiplied by the PPV multiplier of 3.0.
5. An inductive loop traffic counter is placed across the entire road entering the Juniper Lake area. The traffic count is divided by two (2) to adjust for entering and exiting. The reduced vehicle count is multiplied by the PPV multiplier of 3.0.
6. The number of buses is multiplied by the persons-per-bus multiplier of 40.

Recreation Visitor Hours

Recreation visitor hours are the sum of the categories listed in Table 1.

TABLE 1
Average Length-of-Stay by Location *

LOCATION	AVERAGE LENGTH-OF-STAY
Manzanita Lake Entrance (Day Use)	6.0 Hours
Southwest Entrance (Day Use)	6.0 Hours
Butte Lake (Day Use)	6.0 Hours
Juniper Lake (Day Use)	6.0 Hours
Warner Valley (Day Use)	6.0 Hours
Overnight Stays	21.0 Hours Per Overnight Stay

Overnight Stays

Concessionary Lodging - Drakesbad Guest Ranch

The number of visitors staying overnight as reported by the concessionary.

NPS Campgrounds - Butte Lake, Craggs, Juniper Lake, Manzanita Lake, Southwest, Summit Lake (North and South), and Warner Valley

The number of tent or RV sites occupied is multiplied by the persons-per-site multiplier of 3.0.

NPS Backcountry

The number of visitors is multiplied by the number of nights stayed as determined by permits issued.

NPS Miscellaneous - Butte Lake, Juniper Lake, and Lost Creek

The number of overnight stays by group campers.

Special Use Data

Line a.	Southwest and Manzanita Lake entrances
Line b.	Southwest and Manzanita Lake weekend entrances
Line c.	Day Use by visitors on horse
Line d.	Number of visitors on boats
Line e.	Number of skiers
Line n.	The number of buses

* Source 1988 Study by California State University, Chico